Type P1

D GB F DK

CZ SK NL I

NOR S

 # 40016

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List of Contents

Description **Page**

1. General 2
2. Technical Data 2
3. Unit 3
4. General Safety Precautions 3
5. Supplementary Safety Rules 5
6. Putting in Operation 6
7. Faults - Causes - Troubleshooting 7
8. Drawing of Parts 8
9. List of Spare Parts 9

Best efforts are made to improve our product continuously. Data and pictures may be changes for this reason.

1. General

Dear Customer,

Thank you for confidence, in which you have turned to us to get our product. Purchasing a Güde product, you have decided to get a quality unit of high value corresponding to the current safety standards.

Please, read the Instruction Manual carefully before you put the unit in operation. Do not put the unit in operation before you have read and understood the operating instructions. This operating manual contains important instructions that should be followed to operate the unit safely and free of any faults. For this reason, keep this manual handy near the unit.

2. Technical Data

Air consumption :	150 l/min.
Highest permissible pressure :	8 bar
Working pressure :	ca. 6 bar
Cabinet dimensions:	inner.: w: 580 mm x h: 295/350 mm (front/rear) x depth.: 480 mm
	outer.: w: 590 mm x H: 490 mm x depth.: 485 mm
Weight:	ca. 18 kg
Product No.:	**40016**

Caution!
Proper dimensioning of the compressor to be used for sandblasting is essential. The air consumption of the sandblasting pistol is ca. 150 l/min, hence you need a compressor with a pressure storage tank of 50 litre at least and suction capacity of circa **300 l/min to obtain optimum performance.**

3. Unit

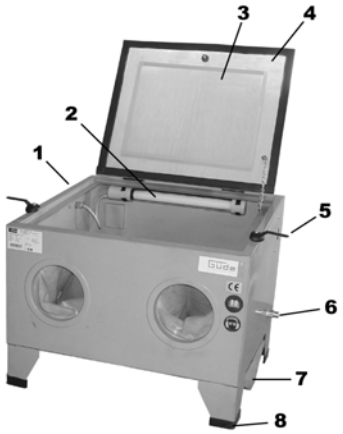


Abb. 1

Fig. 1

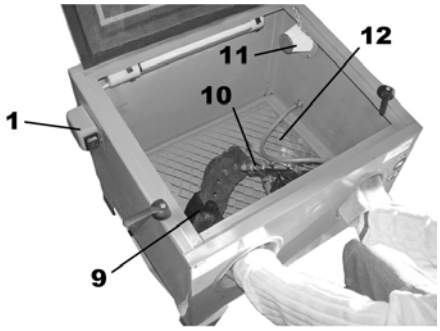


Fig. 2

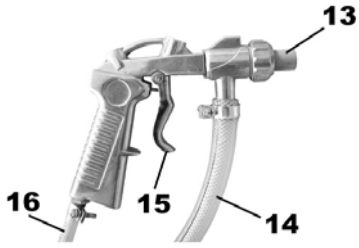


Fig. 3

1. 12 V connection and lighting switch
2. 12 V lamp
3. exchangeable see-through plate
4. see-through cover
5. closure lever
6. compressed air connection
7. collector tank
8. stand rubber feet
9. fitted gloves
10. sound blasting pistol (Fig. 3)
11. air filter
12. operating grate
13. ceramic nozzle
14. blasting material supply hose
15. release
16. compressed air hose

4. General Safety Precautions

To be able to operate the unit in a safe manner, you should observe any instructions and information on safety, assembly and operation contained herein. Any persons operating and maintaining the unit should be familiarised with any possible risks. Keep children, the sick and infirm persons away from the unit. Supervise the children very carefully if they stay near the unit. Also, observe any accident prevention regulation effective in your region. The same applies to provisions on health protection in working area.

The manufacturer shall not be held liable for any unauthorised changes made on your machine that caused damage.
Warning! You should always observe the general safety precautions when using the machine and mechanical tools. Kindly abide by any notices and orders contained in the supplementary safety instructions and elsewhere.
TO ENABLE US TO GUARANTEE A HIGH DEGREE OF SAFETY, FOLLOW THE INSTRUCTIONS BELOW CAREFULLY:

CAUTION!
Compressed air tools work at various working pressure. The recommended working pressure for majority of machines is 6 bar. Any higher pressure reduces the service life of your unit due to a higher load.

1. **Do not let any authorised persons approach the machine.** Visitors and persons standing by, primarily children and the sick and infirm persons should not be permitted to access to the site. Prevent any other persons from contact with the unit.

2. **Take a proper care of storing the unit.** Any tools out of use should be kept at a dry elevated place – or locked as appropriate – to prevent unauthorised access.

3. **Use only proper tools for any job.** For example, never use small tools or accessories to do a job that requires heavy tools. Use any tool for the purpose it was designed for.

4. **Mind proper clothing.** Work clothing should fit the purpose and should not tie you up.

5. **Use ear protection.** Wear personal hearing protection equipment, such as ear protectors.

6. **Moving the unit.** Secure the cabinet against rollover, damage and the steel material coming out.

7. **Be on alert at any time.** Watch out what you are doing. Use common sense. Do not work with the cabinet when you feel tired. You should not work with it when under the effect of drugs, alcohol or medicaments that may affect your responses.

8. **Have an eye for damaged parts.** Before getting down to work, check the unit for damaged parts. Even if the damage is minor, be serious about it and consider it to see whether the unit is able safely and perfectly. Make sure that the moving parts are aligned and adjusted as appropriate. Do the parts fit correctly? Are they damaged? Is everything installed correctly? Do the pressure conditions enable a correct function of the unit? Any damaged protection devices should be repaired or replaced by an authorised person unless the operating manual states expressly otherwise.
   An authorised workshop should replace any defective/faulty switches. Any repairs should be referred to your local servicing centre.

9. **Use approved spares only.** Use only genuine spare parts for repairs and maintenance. Request the spare parts from a respective servicing centre only.

Warning! Use of accessories and extensions other than expressly recommended may imply a personal and material risk.

The unit is allowed to be used for the specific purpose only. Any deviation will be considered an unauthorised use The user only – and not the manufacturer – shall be held liable for personal injuries and material damage arising from such an unauthorised use.

The manufacturer shall not be held liable for any damage resulting from unskilled changes of the unit or an unqualified use.

5. Supplementary Safety Rules

- Make the operating manual available to anybody working with the unit.
- Never use the unit with the cover opened.
- Work only with the pressure recommended in this manual.
- Operate the unit only with the fitted gloves.
- Use only the proper blasting material.
- Make sure that the lighting is appropriate.
- Be careful to wear appropriate working clothing.
- Only the persons of age should use this unit. Apprentice of 16+ years of age may use it under supervision of adults.
- In the course of the unit use, children, the sick and infirm should be kept away.
- Check the unit for damage. Do not use it if it shown defects or is damaged.
- Have the unit repaired by an authorised servicing centre.
- Do not attempt any repairs by yourselves. Only an authorised servicing centre may do the repairs and parts replacements.
- Where practicable, any person working with this unit should not be disturbed.
- The unit protection devices should never be removed or made duff.
- Damaged or defective protection devices should be replaced immediately.
- If you are disturbed while working with the unit, realise the situation before you pay attention to a new one.
- Check any screws, nuts and other joints for tightness at regular intervals.
- Never store tools or materials above the unit so that a fall on the unit could be possible when trying to reach them.
- Always disconnect the compressed air and power supply to remove a fault.
- Any adjustment, measurement, cleaning etc. may not be done unless the compressed air and power supply is interrupted.
- Never leave your workplace unattended.
- If any repairs or maintenance is done on the safety devices, these should be re-installed immediately after the works are completed.
- It is an unconditional requirement for you to familiarise yourself with any safety regulations and accident preventions as well as the general safety rules applied in the place of the unit use.
- Check the unit regularly to see that it does not show any signs of damage.
- You should test any of the protection devices before the use of the unit. Make sure to see that any damaged parts work properly even if the damage seems to be negligible. .
- Check any of the moving parts to see that they work perfectly. Be particularly careful about damage or jamming of the moving parts. All the parts have to be installed correctly and any conditions of perfect function of the unit should be met.
- Unless otherwise stated in this manual , any damaged parts and safety devices should be repaired/replaced by an authorised servicing centre.
- Have the damaged switch replaced by an authorised servicing centre.
- This unit is in compliance with any relevant safety provisions. Repairs should be done only by qualified electricians at an authorised servicing centre and only the original spare parts should be used. If this provision is not observed, the risk of accidents is imminent.
- Do not use the unit when your attention is reduced or your are affected by alcohol or drugs or tired.

6. Putting in Operation

The unit should be connected to an appropriate air compressor to assure its correct function. Not any compressor supplies the required amount of compressed air and therefore, consult the list of recommended compressors below:

To be used conditionally :

Product Number	Type	Suction Capacity	Effective Capacity	Maximum Pressure
50069	380/10/20 Mobil	250	200	10
50054	300/10/50 EU	280	194	10

To be used generally :

Product Number	Type	Suction Capacity	Effective Capacity	Maximum Pressure
50013	300/10/50	305	240	10
50076	350/10/90 ST/230 V	350	245	10
50078	350/10/90 ST/400 V	350	245	10
50080	401/10/50/230 V	365	265	10
50015	400/10/50 C	395	295	10
50053	415/10/50 CD	395	302	10
50057	425/10/90 CD	395	302	10
50082	451/10/50/400 V	395	315	10

Only the Güde production programme extract is contained in the list. Other products may be found at your specialised dealer's .

Preparation:

- Make sure to see that any screws and attachments are tight.
- Fix the see-through plate to the inner side of the cover.
- Connect the compressed air supply.
- Insert the suction tube in the blasting material.
- Close the cover and start the compressor.
- Now, put your hands in the gloves fitted inside and test the air stream.

If no mistake arises, you can now put the part to be blasted in the cabinet and process it moving around it evenly.

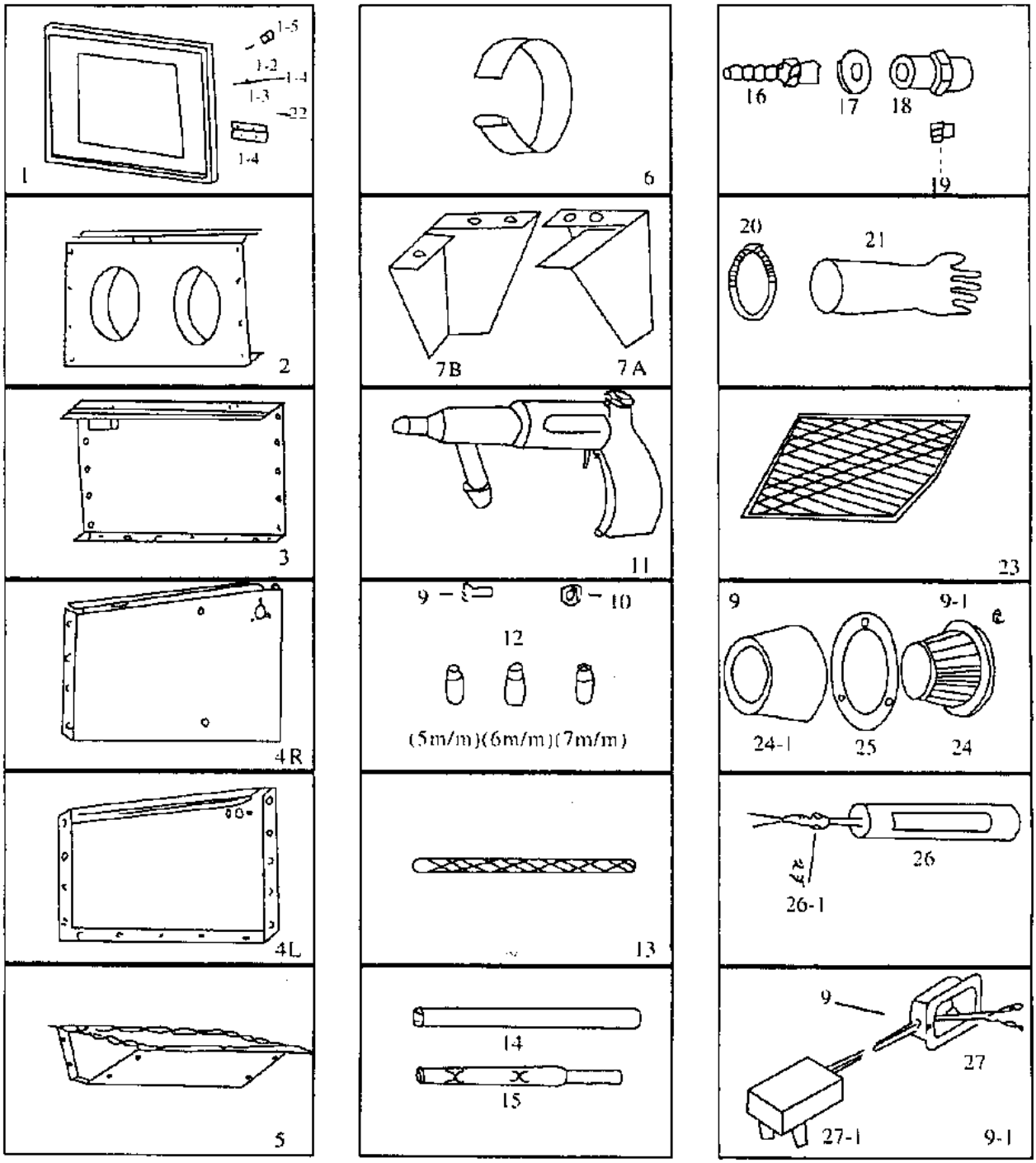
CAUTION:

- Always work with the cover closed.
- Use the fitted gloves at any time.

7. Faults - Causes - Troubleshooting

Fault	Cause	Troubleshooting
Too much dust in the cabinet	1. Air filter fouled. 2. Too much used blasting material in the collector tank	1. Remove the air filter and clean it up with compressed air 2. Remove the used blasting material from the cabinet.
Poor blasting results	1. Too much used blasting material in the collector tank 2. Too much blasted material of the processed part 3. Air pressure too low. 4. Too small amount of supplied air	1. Remove the used blasting material from the cabinet. 2. Remove the blasted material. 3. Check the line from the compressor and set a pressure of ca 6 bar. 4. Connect a larger compressor .
Poor visibility in the cabinet	1. Fouled cover and see-through plate 2. Fouled lighting fixture 3. Scraped see-through plate	1. Clean the inside side of the cover. 2. Clean the fixture or exchange the faulty fluorescent lamp. 3. Fit in a new see-through plate.

8. Drawing of Parts



9. List of Spare Parts

Spare Part No.			Description	Spare Part No.			Description
Product No.	Version	Position		Product No.	Version	Position	
40016	01	01	See-through plate	40016	01	13	Suction hose
40016	01	01-1	Chain	40016	01	14	Plastic coupling
40016	01	01-2	Screw	40016	01	15	Suction hose
40016	01	01-3	Nut	40016	01	16	Outside compressed air connecting
40016	01	01-4	Attachment	40016	01	17	Washer
40016	01	02	Front cover	40016	01	18	Inner connection
40016	01	03	Rear cover	40016	01	19	Hose clip
40016	01	4R	RH body	40016	01	20	Protection glove clip
40016	01	4L	LH body	40016	01	21	Protection glove
40016	01	5	Base plate	40016	01	22	Self-acting nut
40016	01	6	Work lighting mounting	40016	01	23	Working grate
40016	01	7A	Left foot	40016	01	24	Air filter lining
40016	01	7B	Right foot	40016	01	24-1	Filter
40016	01	8	Screw	40016	01	25	Retaining ring
40016	01	9	Screw	40016	01	26	Lighting fixture
40016	01	9-1	Nut	40016	01	26-1	Power cable
40016	01	10	Nut	40016	01	27	Cabinet
40016	01	11	Blasting pistol	40016	01	27-1	Power pack
40016	01	12	Ceramic nozzle 5/6/7mm				

EG-Konformitätserklärung
EC Declaration of Conformity

Hiermit erklären wir, **Güde GmbH & Co. KG**
We herewith declare, **Birkichstraße 6, 74549 Wolpertshausen, Germany**

Dass die nachfolgend bezeichneten Geräte aufgrund ihrer Konzipierung und Bauart sowie in der von uns in Verkehr gebrachten Ausführungen den einschlägigen, grundlegenden Sicherheits- und Gesundheitsanforderungen der EG-Richtlinien entsprichen.

that the following Appliance complies with the appropriate basic safty and health requirements of the EC Directive based on its design and type, as brought into circulation by us.

Bei einer nicht mit uns abgestimmter Änderung der Geräte verliert diese Erklärung ihre Gültigkeit.

In a case of alternation of the machine, not agreed upon by us, this declaration will loose its validity.

Bezeichnung der Geräte: - **Sandstrahlkabine Typ P1**

Artikel-Nr.: **- 40016**
Article-No.:

Einschlägige EG-Richtlinien: **- EG-Niederspannungsrichtlinie 73/23/EWG**
Applicable EC Directives: - **EG-Richtlinie 93/68/EWG**
- **EG-Richtlinie Elektromagnetische Verträglichkeit 89/336/EWG mit Änderungen**

Angewandte harmonisierte Normen: **- Produktstandard EN 60335-2-29**
Applicable harmonized Standard:

Datum/Herstellerunterschrift: **03.02.2005**
Date/Authorized Signature:
Angaben zum Unterzeichner: **Hr. Arnold, Geschäftsführer**
Title of Sinatory: